

Converting Colors

YIQ(75.0130, 28.9120, 103.8240)

Have a look what the booklet for
YIQ(75.0130, 28.9120, 103.8240)
contains.

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Color

**YIQ(75.0130, 28.9120,
103.8240)**

Conversions

Conversions Part 1

Format	Color
Hex	A700DC
RGB	167, 0, 220
RGB Percent	65%, 0%, 86%
CMY	0.3446, 1.0000, 0.1373
CMYK	0.24, 1.00, 0.00, 0.14
HSL	286°, 100%, 43%
HSV	286°, 100%, 86%
XYZ	28.8815, 13.3969, 68.7639
YIQ	75.0130, 28.9120, 103.8240

Conversions

Conversions Part 2

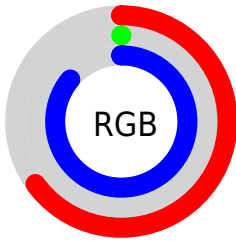
Format	Color
RYB	167, 0, 220
Decimal	10944732
CIELab	43.36, 80.31, -69.26
CIELCh	43, 106.044, 319.226
Yxy	13.3969, 0.2601, 0.1206
Android (android.graphics.Color)	4289134812 (0xFFA700DC)
YUV	75.0130, 71.4786, 80.6726
Hunter-Lab	36.6018, 76.7968, -85.7672

Details

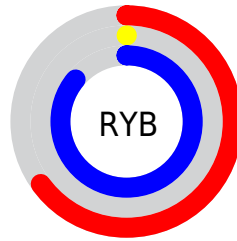
The YIQ color **75.0130, 28.9120, 103.8240** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **144.9870, -28.9120, -103.8240**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.0120, 29.5120, 81.9280**, and **50.9880, 11.7240, 73.9000** is the 20% darker color. If you saturate the color by 10%, you get **75.0130, 28.9120, 103.8240**, and if you desaturate by 10%, it is **89.4220, 25.8420, 93.3780**.

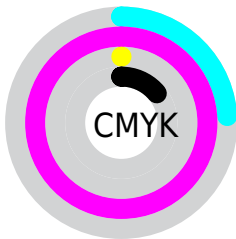
Distribution



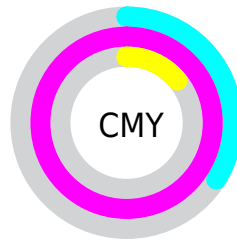
- Red (65%)
- Green (0%)
- Blue (86%)



- Red (65%)
- Yellow (0%)
- Blue (86%)



- Cyan (24%)
- Magenta (100%)
- Yellow (0%)
- Black (14%)



- Cyan (34%)
- Magenta (100%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.0130, 28.9120, 103.8240 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 75.0130, 28.9120, 103.8240 by changing the saturation by 10% instead.

75.0130, 28.9120,
103.8240

75.0130, 28.9120,
103.8240

255.0000, -0.0000,
-0.0000

62.7370, 20.3410,
88.4450

148.0120, 29.5120,
81.9280

50.9880, 11.7240,
73.9000

173.9940, 37.9500,
72.1740

38.9400, 2.5110,
59.1430

191.0170, 29.9750,
57.0070

26.8920, -6.7020,
44.3860

208.6270, 21.7250,
41.3170

10.5870, -25.4970,
27.0710

225.6500, 13.7500,
26.1500

6.8400, -19.2600,
18.6600

243.2600, 5.5000,

5.5060, -12.7480,

10.4600

10.7720

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 75.0130, 28.9120,
103.8240

■ 89.4220, 25.8420,
93.3780

■ 104.1300, 23.3680,
83.1440

■ 118.5390, 20.2980,
72.6980

■ 132.9480, 17.2280,
62.2520

■ 147.6560, 14.7540,
52.0180

■ 162.0650, 11.6840,
41.5720

■ 176.4740, 8.6140,
31.1260

■ 190.8830, 5.5440,
20.6800

■ 205.5910, 3.0700,
10.4460

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.4220, -108.2550, 29.0970



75.0130, 28.9120, 103.8240



85.6980, 95.1660, 92.5260

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0130, 28.9120, 103.8240



96.8050, 65.7960, -14.0120



96.7840, -87.8890, -20.6330

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75.0130, 28.9120, 103.8240



144.9870, -28.9120, -103.8240

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.4210, -57.2110, -47.9870



75.0130, 28.9120, 103.8240



88.1360, 9.4990, -45.5170

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.0130, 28.9120, 103.8240



62.4910, 124.5640, 44.3080



74.5490, -34.9250, -66.4210



105.7900, -113.2480, 3.9360

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.0130, 28.9120, 103.8240



82.1900, 119.4230, 76.9190



74.5490, -34.9250, -66.4210



92.7770, -77.9840, -29.4400

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75.0130, 28.9120, 103.8240



205.0060, 10.1720, 35.9320



57.3650, -85.7450, 39.6550



97.4100, 5.4980, 21.5140



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0130, 28.9120, 103.8240



87.0760, 33.7690, 120.4330



84.5900, 78.1550, 97.9550



102.6460, 1.2370, 5.1170



59.1900, 23.1390, 81.7870



15.7090, 6.0940, 21.7260

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71.8220, 114.1070, 63.1230



83.1990, 132.3990, 73.0310



135.4100, -78.1550, -97.9550



102.5170, 5.9140, 2.9540



56.5150, 89.6260, 49.7380



15.0080, 23.8850, 13.1730

Previews

White Background



This preview shows how the YIQ color 75.0130, 28.9120, 103.8240 looks on a white background.

Color Contrast Check

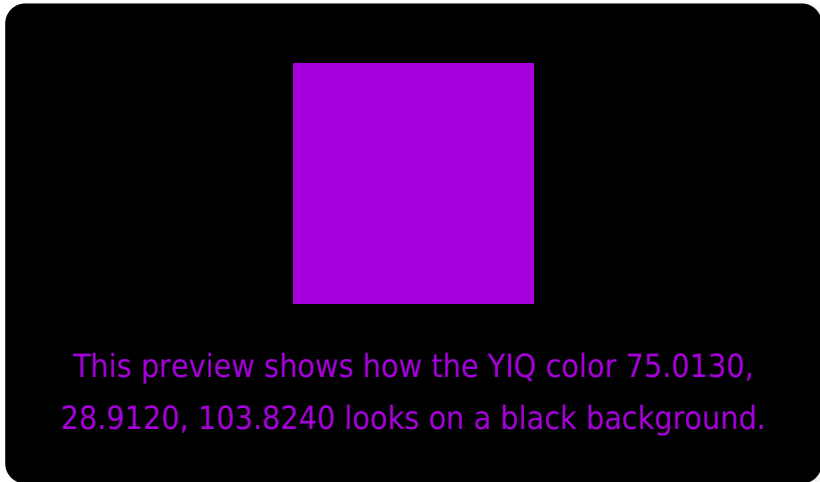
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

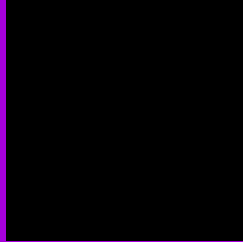
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 75.0130, 28.9120, 103.8240

Background



This preview shows how black text looks on a background with the YIQ color 75.0130, 28.9120, 103.8240.



This preview shows how white text looks on a background with the YIQ color 75.0130, 28.9120,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.0130, 28.9120, 103.8240

Protanopia

83.4550, -95.8270, 13.1090

Deuteranopia

83.8990, -88.8100, 1.5740



Tritanopia

105.2220, 35.0260, 15.0100

Trichromacy



Original Color

75.0130, 28.9120, 103.8240



Protanomaly

80.3170, -50.2590, 46.3250



Deuteranomaly

80.7270, -45.9020, 38.9460



Tritanomaly

94.4760, 32.6360, 47.3240

Monochromacy



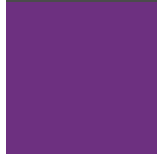
Original Color

75.0130, 28.9120, 103.8240



Achromatopsia

75.0000, -0.0000, -0.0000



Achromatomaly

75.3590, 10.6760, 37.8120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.0130, 28.9120, 103.8240 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(167, 0, 220)` looks like.

```
.text, #text, p{  
    color:rgb(167, 0, 220)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(167, 0, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 0, 220) }
```

Border

The CSS property to change the border of an element to YIQ 75.0130, 28.9120, 103.8240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 0, 220) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(167, 0, 220) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(167, 0, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 0, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 0, 220);  
box-shadow:4px 4px 4px 4px rgb(167, 0,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 75.0130, 28.9120, 103.8240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 0, 220) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(167, 0,  
220) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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